



**Electromechanical Lubrication Systems** 

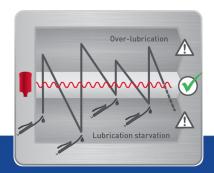
# THE EXPERT IN LUBRICATION SOLUTIONS

For more than 50 years, perma has stood for innovative and creative lubrication solutions. perma single- and multi-point lubrication systems are used in various industries and applications around the world.

Today, anyone looking for safe, effective and long-term economical lubrication of equipment takes advantage of automatic lubrication. perma offers ideal technical and economical solutions for any lubrication point.

# MANUAL VS. AUTOMATIC LUBRICATION

Automatic lubrication with perma lubrication systems ensures constant supply of the ideal lubricant quantity. Unlike manual lubrication, over-lubrication or lubrication starvation can be prevented.



#### Over -Lubrication

- Increases operating temperature
- Damages contact seals
- ◆ Excessive lubricant consumption

#### **Lubrication Starvation**

- Increases friction and wear
- Risk of dry runs



# perma Lubrication Systems

perma lubrication systems can be used wherever there are lubrication points. perma's leadership in the single-point lubrication market is based on numerously patented and specifically certified products. The product portfolio ranges from the robust single-point lubrication system to the individual supply of up to 600 different types of lubrication points.









### **ADVANTAGES**

- Reduces Costs by up to 25%
- Simplifies Maintenance Work
  - Reduces Risk of Accidents up to 90%
  - Prevents up to 75% of Roller Bearing Failures
  - Prevents Contamination from Liquids & Dirt
    - Environmentally Friendly Components will help to Minimize Energy and Material Costs

## **APPLICATIONS**

- Electric Motors
  - Blowers & Fans
    - Conveyors
      - Pumps











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